

EASTSHORE-NORTH

A major gateway to points east of the Bay Area, the corridor along Interstate 80 extends from the approaches at the Bay Bridge to Dixon in Solano County. It connects Alameda, Contra Costa and Solano counties. The Carquinez Bridge acts as a portal for trips into Contra Costa County from Solano County.

Major transit services and facilities include BART, express buses from Solano County to BART in El Cerrito, ferry services (including feeder bus services) from Vallejo to San Francisco, and local and express bus service operated by AC Transit and WestCAT. Capitol Corridor intercity rail services operate in the corridor between Oakland and Sacramento/Colfax. Major intermodal passenger facilities include the Richmond BART station (serving Amtrak and the Capitols), the Emeryville and Oakland Amtrak stations, the El Cerrito del Norte BART station (express buses) and the Vallejo Ferry Terminal. High-occupancy-vehicle lanes also are used extensively in the corridor.

The corridor varies from areas that are highly urbanized, such as from Richmond to the Bay Bridge, to low-density, suburban and rural development elsewhere in the corridor. It contains some of the fastest-growing residential areas in the region, with the majority of this growth occurring in Solano County. I-80 is a major recreational route, linking the Bay Area to Lake Tahoe and Reno, and is among the region's busiest trucking routes serving the Port of Oakland.

Management Objectives

- Rely on the Capitol Corridor trains, and express buses and carpools utilizing the HOV lanes to serve growth of long-distance commuting to the urban core
- Encourage ridesharing and transit use through bridge toll policies
- Rely on local transit and arterial improvements to serve growth in commuting between communities within urban core
- Use facility improvements to ensure that I-80 operates smoothly during mid-day hours to preserve freight mobility
- Manage Interstate 80 and local streets as one system to minimize overall delay and protect local streets from spillover traffic
- Design interchange improvements for I-80 in such a way as to protect main-line operations
- Develop an equitable ramp-metering plan
- Develop reliever route system in Solano County for local trips
- Develop pedestrian and bicycle access to bus, rail and ferry facilities

Committed Funding

Not mapped:

- New Carquinez Bridge: construct new suspension bridge west of existing bridges (4 westbound lanes, including an HOV lane, plus new bicycle/pedestrian pathway) and modify Crockett interchange
- Reconstruct MacArthur Boulevard onramp to restore access to eastbound I-80 and westbound I-580
- San Pablo Avenue Smart Corridor (Phase 2)
- Extend Mandela Parkway in Oakland; completes freeway congestion reliever route
- Widen I-80 from 5 lanes to 6 lanes to extend eastbound HOV lane from San Francisco-Oakland Bay Bridge toll plaza to Powell Street
- Extend Horton Street between 53rd Street and Haruff Street (under Powell Street Bridge in Emeryville)
- I-80 bicycle and pedestrian overcrossing in Berkeley
- Capitol Corridor intercity rail service (9 round trips daily between Oakland and Sacramento and 7 round trips daily between San Jose and Oakland)
- Transit centers and park-and-ride lots
- Regional Express Bus Program: I-80/Richmond Transbay
- Vallejo Baylink Ferry (capital cost for new passenger vessel)
- Regional Express Bus Program: Vallejo/Transbay
- Regional Express Bus Program: I-80/Solano County to Del Norte BART station
- Project development for new Fairfield/Vacaville multimodal rail station for Capitol Corridor intercity rail service in Solano County
- Install a second span along existing Green Valley Bridge to accommodate 4 lanes of travel way and an acceleration/deceleration lane in each direction

Track 1

- 1 Bus Rapid Transit in San Pablo Avenue Corridor
- 2 Intermodal transit improvements at the Emeryville Amtrak station (includes parking garage)
- 3 I-80/Ashby/Shellmound interchange modifications; involves the construction of 2 roundabouts and separate bike-pedestrian overcrossing
- 4 I-80/Gilman Avenue interchange improvements (includes roundabouts)
- 5 Richmond Parkway Transit Center (Phase 1); includes signal reconfiguration/timing, ingress/egress, parking facility, and security improvements at Hilltop park-and-ride lot
- 6 Hercules Transit Center relocation and expansion
- 7 Capitol Corridor train station in Hercules
- 8 Extend I-80 westbound HOV lane from north of Cummings Skyway to Route 4
- 9 AC Transit enhanced bus service in San Pablo Avenue corridor in Contra Costa County: new passenger stations, roadway geometric improvements, information kiosks
- 10 Richmond intermodal transfer station (BART to Amtrak/Capitol Corridor)
- 11 Vallejo intermodal ferry station (Phase 1)
- 12 Vallejo ferry maintenance facility
- 13 Widen I-80 from 6 lanes to 8 lanes between Vacaville and Dixon
- 14 Construct rail stations, track improvements, or intermodal centers for Capitol Corridor intercity rail or commuter rail service; potential station sites are Fairfield/Vacaville, Dixon and Benicia
- 15 Jepson Parkway (Phase 1); includes I-80/Leisure Town Road interchange improvements
- 16 I-80 HOV lanes between I-680 and I-505 through Fairfield and Vacaville

Not mapped:

- New express buses for I-80 HOV service (capital costs)
- Non-capacity increasing improvements to interchanges and parallel arterials to I-80
- Express bus service on I-80 (capital costs for additional services beyond those in Regional Express Bus Program)
- I-80/I-680/Route 12 interchange improvements (Phase 2) (see "Diablo" Corridor for map)

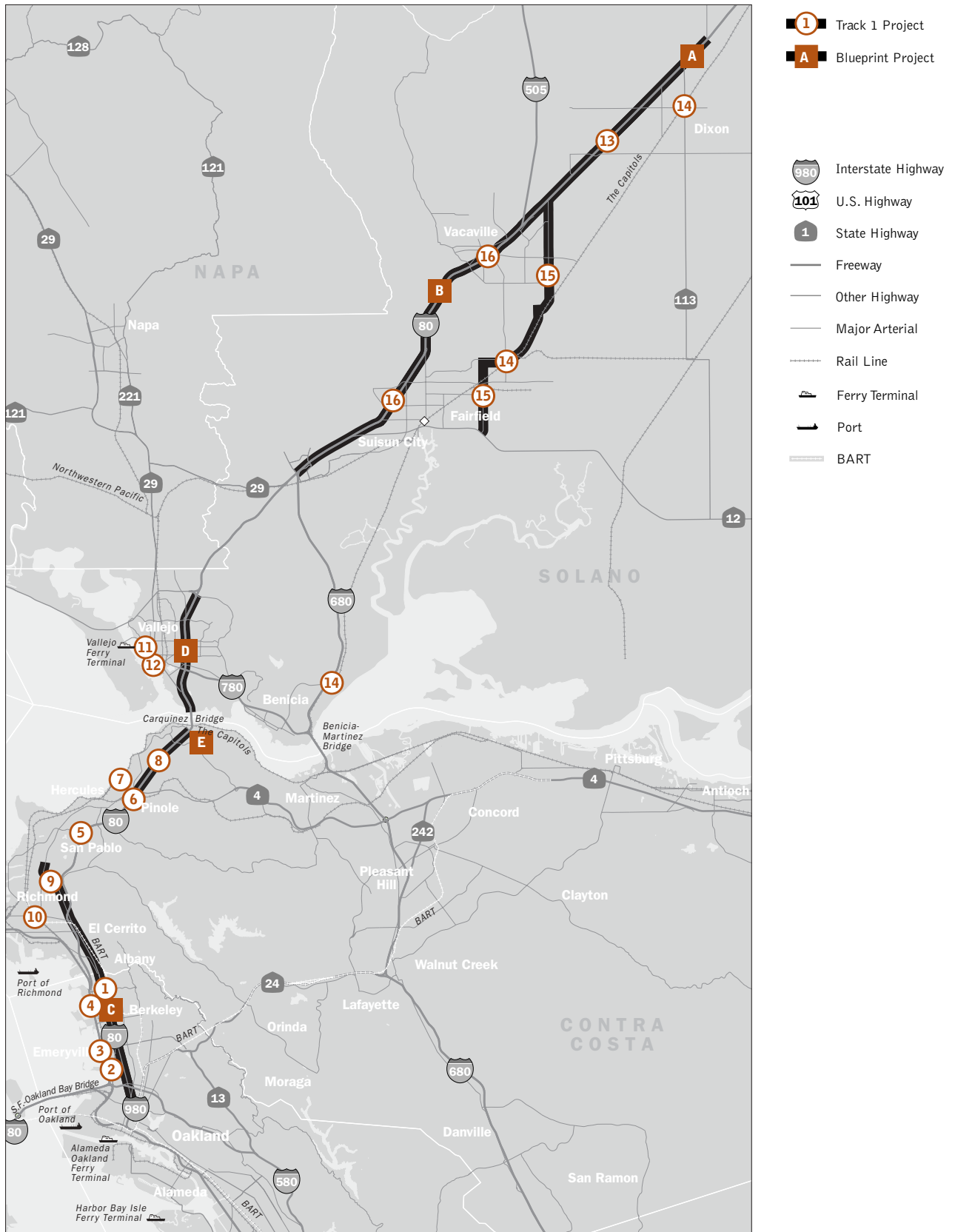
Blueprint

- A Complete widening of I-80 from 6 lanes to 8 lanes between I-505 in Vacaville and Pedrick Road in Dixon
- B Complete I-80 HOV lanes between I-680 in Fairfield and I-505 in Vacaville
- C Rapid Bus Transit on San Pablo Avenue (additional service)
- D Add new HOV lane in each direction on I-80 between Route 37 and Carquinez Bridge
- E I-80 eastbound HOV lanes from Route 4 to Carquinez Bridge

Not mapped:

- BART to Hilltop Mall in Richmond
- Various I-80 interchange improvements: Route 4, San Pablo Dam Road, Cummings Skyway, and others
- Capitol Corridor intercity rail improvements

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